

O I P E JG18  
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PATENT & TRADEMARK OFFICE

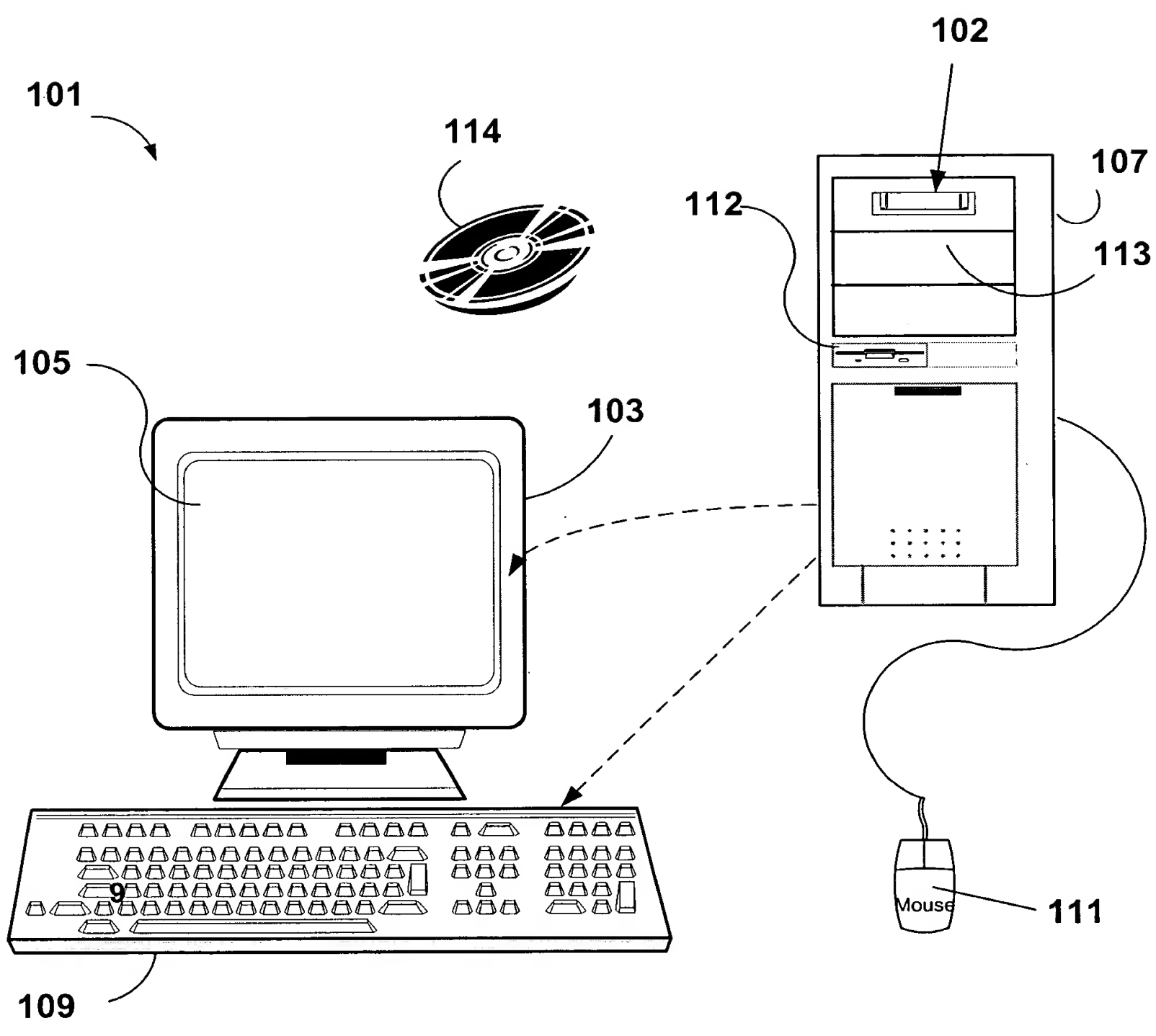
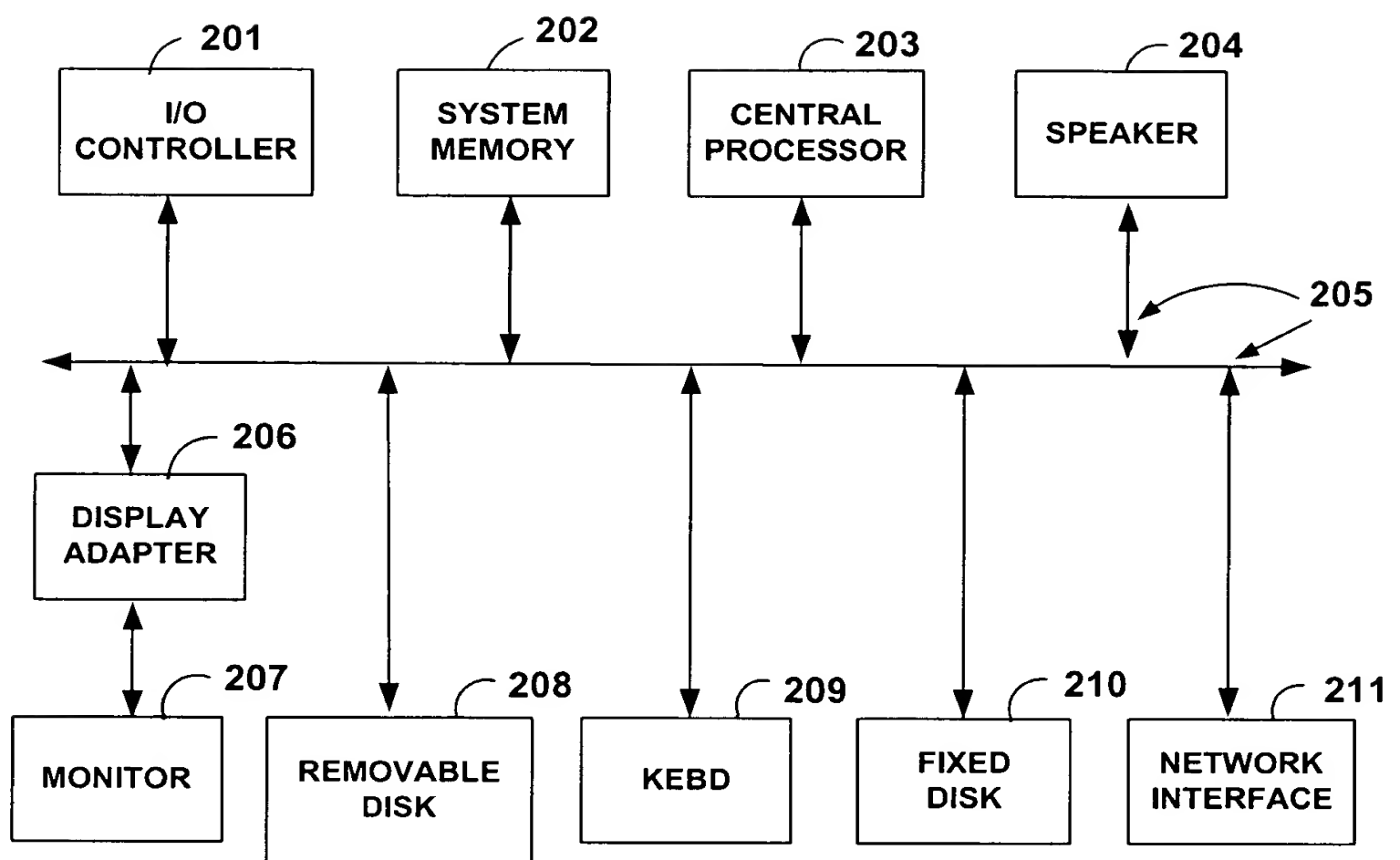


Figure 1



**Figure 2**

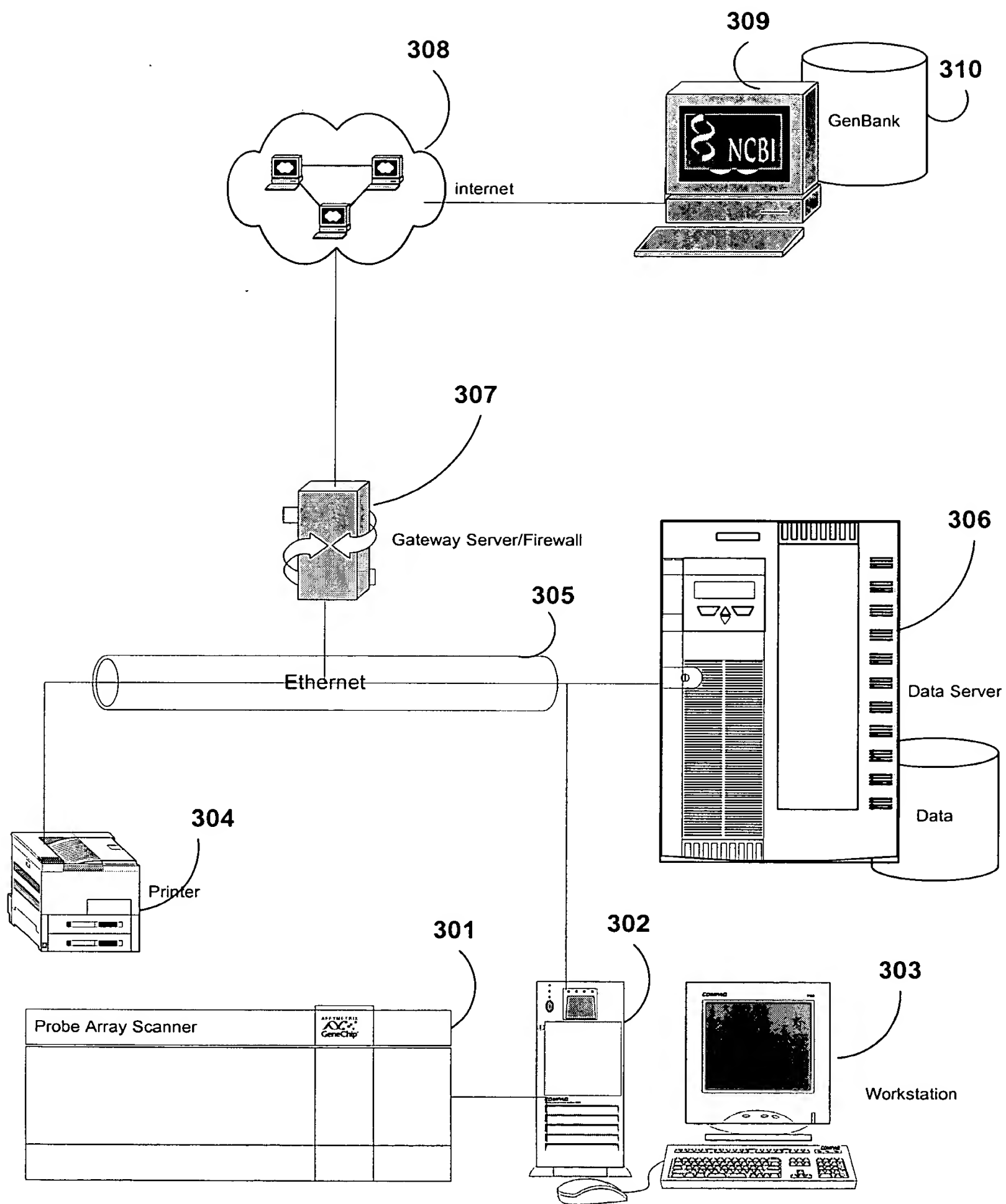


FIGURE 3



SNP Discovery

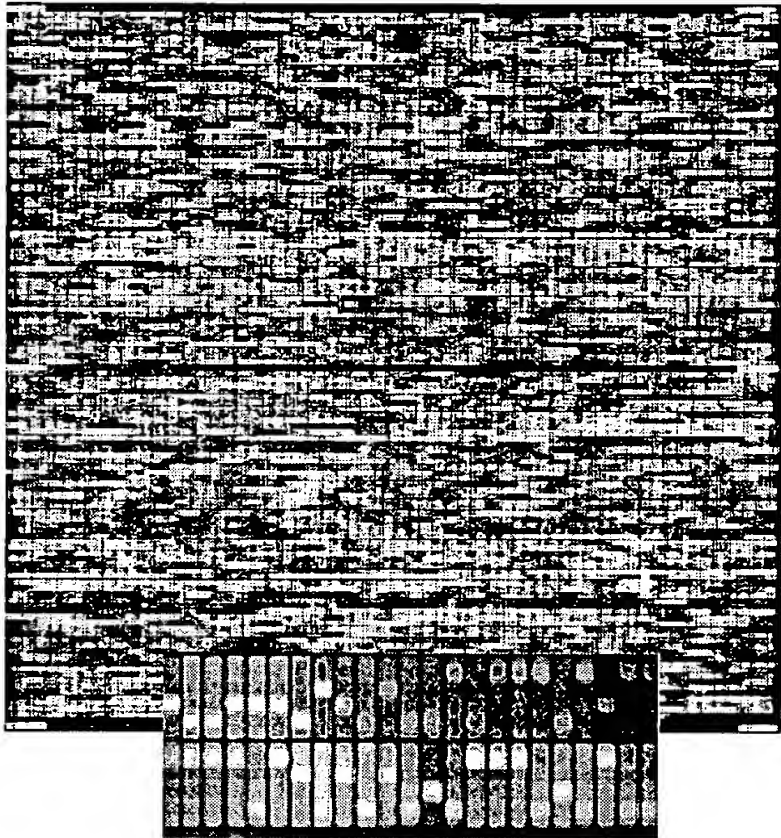


Figure 4A

Gene Expression

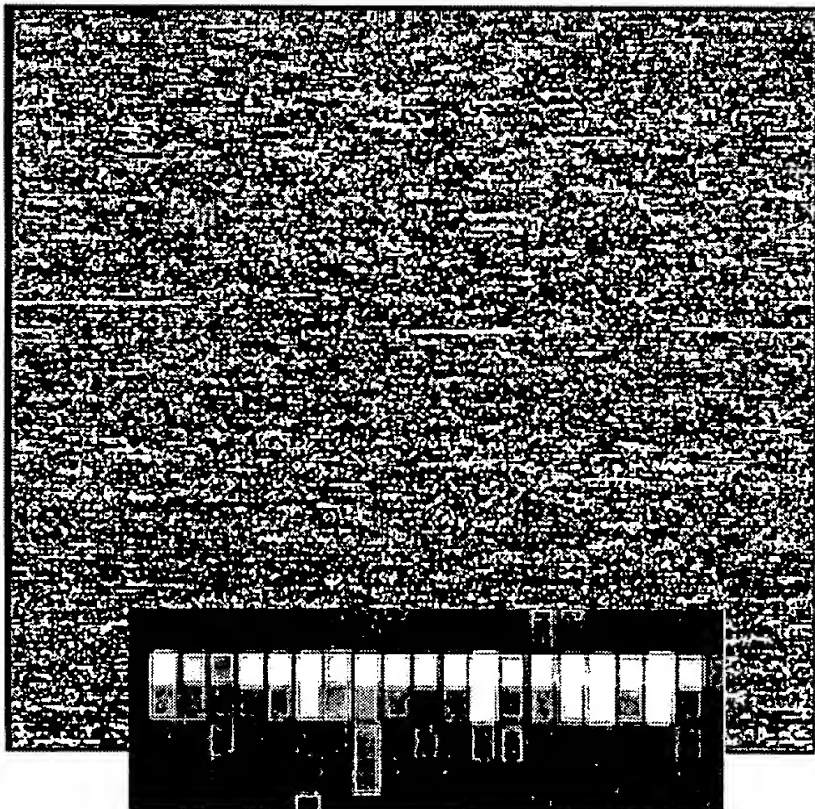


FIGURE 4B

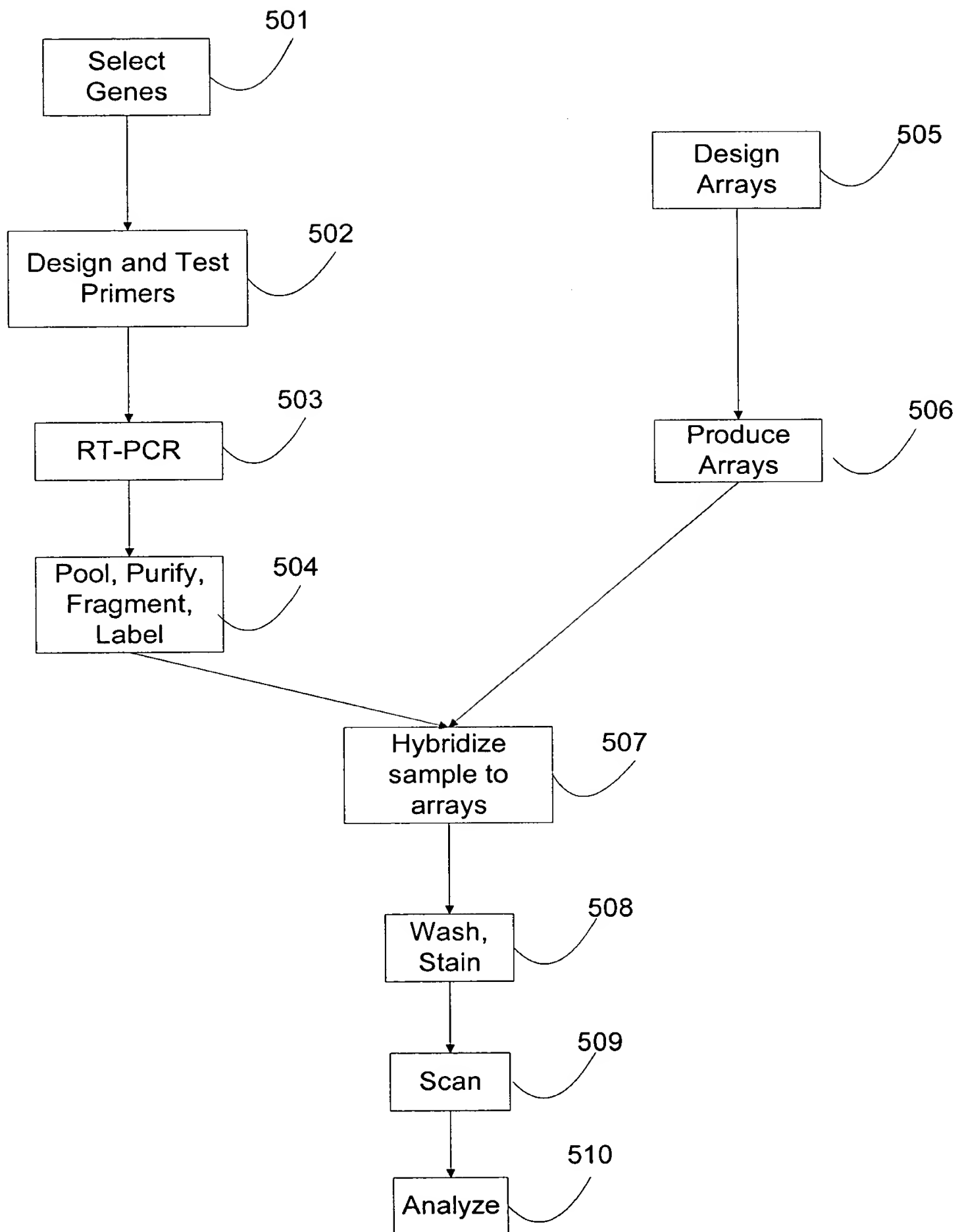
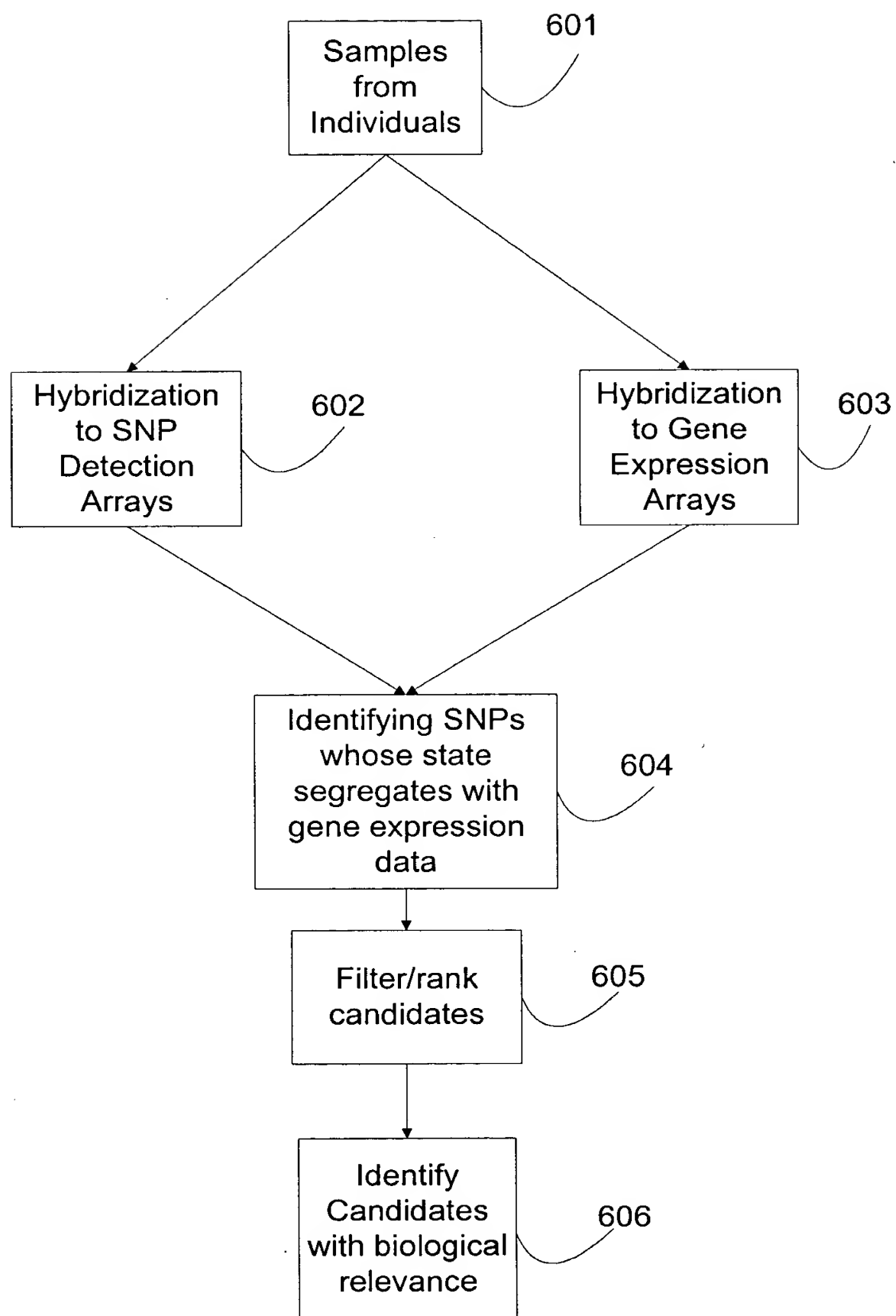


FIGURE 5



**FIGURE 6**

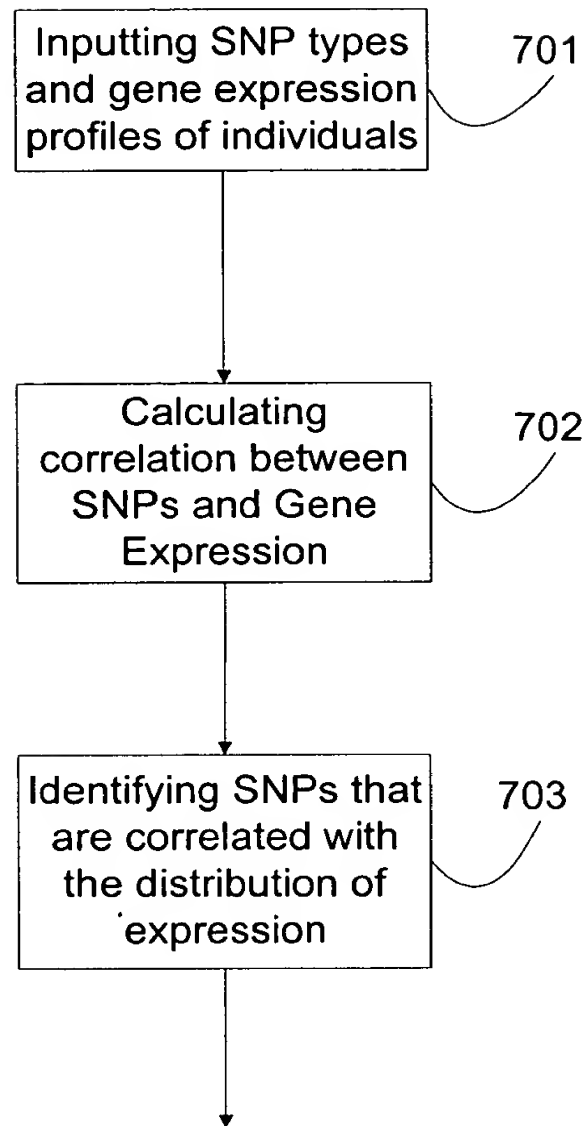


FIGURE 7

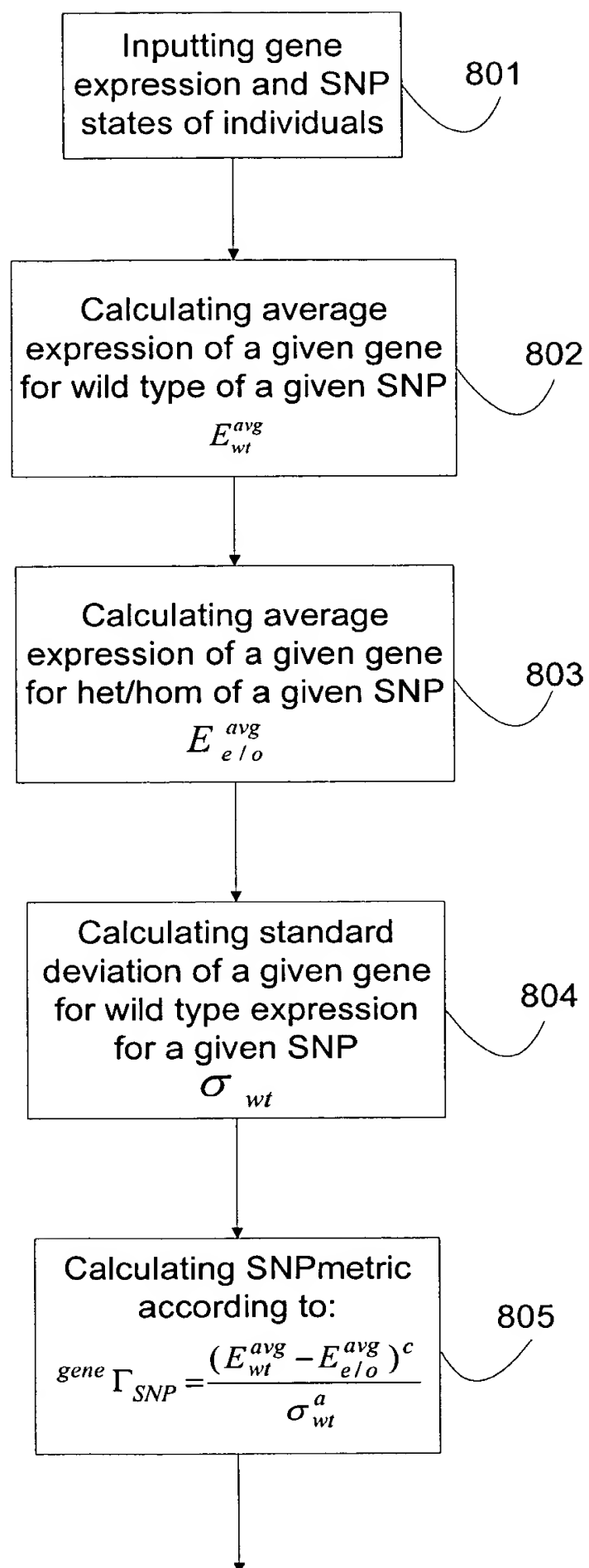


FIGURE 8